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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|---|-------------|----------------------|---------------------------------|------------------------|
| 10/628,036 | 07/24/2003 | Amit Ramchandran | 021202-003740US | 3348 |
| 37490 7590 01/18/2007 Trellis Intellectual Property Law Group, PC 1900 EMBARCADERO ROAD SUITE 109 PALO ALTO, CA 94303 | | | EXAMINER FLOURNOY, HORACE L. | |
| | | | ART UNIT 2189 | PAPER NUMBER |
| | | | MAIL DATE 01/18/2007 | DELIVERY MODE PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

| | | | |
|---|---------------------------------------|--|--|
| Advisory Action Before the Filing of an Appeal Brief | Application No. 10/628,036 | Applicant(s) RAMCHANDRAN, AMIT | |
| | Examiner Horace L. Flournoy | Art Unit 2189 | |

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 14 December 2006 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

1. ☒ The reply was filed after a final rejection, but prior to or on the same day as filing a Notice of Appeal. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114. The reply must be filed within one of the following time periods:
- a) ☐ The period for reply expires _____ months from the mailing date of the final rejection.
- b) ☒ The period for reply expires on: (1) the mailing date of this Advisory Action, or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
- Examiner Note: If box 1 is checked, check either box (a) or (b). ONLY CHECK BOX (b) WHEN THE FIRST REPLY WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37 CFR 41.37(a).

AMENDMENTS

3. ☐ The proposed amendment(s) filed after a final rejection, but prior to the date of filing a brief, will not be entered because
- (a) ☐ They raise new issues that would require further consideration and/or search (see NOTE below);
- (b) ☐ They raise the issue of new matter (see NOTE below);
- (c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
- (d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: _____. (See 37 CFR 1.116 and 41.33(a)).

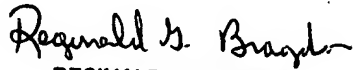
4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☐ Applicant's reply has overcome the following rejection(s): _____.
6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☒ For purposes of appeal, the proposed amendment(s): a) ☐ will not be entered, or b) ☒ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.
- The status of the claim(s) is (or will be) as follows:
- Claim(s) allowed: _____.
- Claim(s) objected to: _____.
- Claim(s) rejected: 1, 3-20.
- Claim(s) withdrawn from consideration: _____.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ The affidavit or other evidence filed after a final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
9. ☐ The affidavit or other evidence filed after the date of filing a Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
10. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

11. ☒ The request for reconsideration has been considered but does NOT place the application in condition for allowance because:
See Continuation Sheet.
12. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). _____
13. ☐ Other: _____.


REGINALD BRAGDON
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100

Continuation of 3. NOTE:

With respect to the remarks on page 6, paragraph 2 of the applicants response received on 12/14/2006, the examiner respectfully disagrees with the applicant remarks. First, the claim language "adapted for" does not positively recite processing data in the amended portion of claim 1. Next the examiner believes that the processing (or transmitting) of data is taught in the cited prior art as previously stated in the Final Office Action rejection. Furthermore the cited prior art fails to recite "passively" moving data as alleged by the applicant. Finally, it is unclear to the examiner where in the applicants specification that transmitting data is prohibited from being interpreted as processing data.

With respect to the arguments of claim 3, the examiner notes that the multiplexers of FIG.7 of Wilson each "alternately connect a data input with each of the plurality of data buses". See rejection in Final Office Action.

With respect to the arguments of claim 12, the examiner notes that FIG. 5 of Wilson does indeed show a plurality of cache memory units (MEM0-MEM8, see associated text within specification) and each having a plurality of cache ports (see dual ports of each cache memory unit as shown in FIG. 5). The examiner disagrees that more than one data bus is connected to a different one of the plurality of cache ports from each of the memory units, as it is shown in the "transpose out/in bus". See rejection in Final Office Action.

With respect to the arguments of claim 7, the examiner wishes to clarify that each of the cache memories of FIG. 5 (MEM8-MEM0) can be used interchangeably as they each show the limitations of the previous claims. See rejection in Final Office Action.

With respect to the arguments of claim 8, see previous reply to claim 7 supra. Also, as previously noted, each of the cache memories is connected to a plurality of data buses as shown in FIG. 5 of Wilson. See rejection in Final Office Action.

With respect to the arguments of claim 20, please refer to all remarks as stated above.